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# SNOW SURVEYS and WATER SUPPLY OUTLOOK for ALASKA



U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
PROVIDE CURRENT SERIAL RECORDS  
NOV 11 1975

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE  
Collaborating with  
ALASKA SOIL CONSERVATION DISTRICT

AS OF  
APR. 1, 1975

Data included in this report were obtained by the agencies named above in cooperation  
with Federal, State and private organizations listed inside the back cover of this report.

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*Cover Photo: Cabins near Saca-jawea Snow Course  
in Bridger Mountains, Montana.*

SCS PHOTO 1-P480-15

## PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



FEDERAL - STATE - PRIVATE

**SNOW SURVEYS  
AND  
WATER SUPPLY OUTLOOK  
FOR  
ALASKA**

*Issued by*

KENNETH E. GRANT  
ADMINISTRATOR  
SOIL CONSERVATION SERVICE  
WASHINGTON, D.C.

|||||  
*Released by*

WEYMETH E. LONG  
STATE CONSERVATIONIST  
SOIL CONSERVATION SERVICE  
ANCHORAGE, ALASKA

|||||  
*Report prepared by*

ARTHUR G. CROOK  
SNOW SURVEY SUPERVISOR  
SOIL CONSERVATION SERVICE  
204 EAST FIFTH AVENUE  
ANCHORAGE, ALASKA 99501



SURVEYING IN THE CHUGACH

SCS PHOTO AA-286

ALASKA SUMMARY  
as of  
APRIL 1, 1975

Little snow fell on interior Alaska's watersheds during March. Nearly all snow courses on the Yukon, Tanana, Copper, and Susitna watersheds failed to gain as much as normal during the month, and a few remained the same as on March first.

In spite of the dry March weather nearly all watersheds continue to have above average snowpacks, due to the abnormally heavy early winter snows. The area by area summary follows:

KOYUKUK DRAINAGE

This watershed snowpack continues below normal. Snow surveys from Bettles upstream indicate that the accumulated snowpack is still about 30 percent below average. The Koyukuk is the only drainage with a snow course network that is currently below normal.

### UPPER YUKON DRAINAGES

Almost no snow was received in this area until the last week of March. Most snow courses registered little or no gain. The Yukon is still expected to yield about 30 percent above normal at Eagle but the forecast at Ruby is now only 13 percent above average.

### TANANA-CHENA DRAINAGES

Low elevation snowpacks continue to be above average over much of the basin, but at mid and high elevation the snowpack is below average. Streamflow forecasts have been revised downward to reflect the dry March conditions (see page four).

### COPPER DRAINAGE

The snowpack over most of the basin is still 40 percent above normal in spite of the dry March weather. This year's April 1 snowpack is 65 percent greater than last year's accumulation.

### MATANUSKA-SUSITNA DRAINAGES

This region also received less snow than normal but still is over the April 1 average. The current snowpack is about 20 percent above the average and about 50 percent greater than at this time last year.

### UPPER COOK INLET

Most low and mid elevation snow courses have their heaviest April 1 snowpack in ten years. The high elevation accumulations, however, are only slightly above normal. Streamflow during the snowmelt period is forecast to be about one third more than average.

### KENAI PENINSULA

Most snow course measurements now exceed their previous highest accumulations, however, the period of record is only about six years. The April 1 survey indicates that the snowpack is currently 65 percent of average.

# STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	THOUSAND ACRE FEET	PERCENT OF AVERAGE		LAST YEAR 2/	AVERAGE +
YUKON RIVER at Eagle at Ruby	45,000 76,000	131% 113%	April-July	27,906 52,553	34,295 67,012
PORCUPINE RIVER nr. Ft. Yukon	7,500	104%	April-July	4,643	7,200*
SALCHA RIVER nr. Salchaket	610	80%	April-July	354	767
LITTLE CHENA RIVER nr. Fairbanks	65	70%	April-July	68	93*
CHENA RIVER at Fairbanks	460	80%	April-July	343	560
SHIP CREEK nr. Anchorage 1/ SO. FK. CAMPBELL CREEK at Canyon Mouth nr. Anchorage	80 19.6	136% 131%	April-July	45 11.5	59 15.0

\* Estimated

1/ Measured flow adjusted for diversion.

2/ Provisional data, subject to revision.

# SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	Years of Previous Record	
NAME	Number	Elevation	Last Year	Average +		
AS OF MARCH 15, 1975						
<u>TANANA-CHENA:</u>						
Caribou Mine	28	1115	3/14	26A	5.4E	4.4E
Cleary Summit	18	2230	3/14	30A	7.0E	5.8E
Little Chena	19	2200	3/14	25A	5.4E	5.0E
Mt. Ryan	20	2950	3/14	30A	6.4E	5.6E
Munson Ridge	23	3100	3/14	50A	14.0E	10.5E
Upper Chena	75	3000	3/14	30A	6.7E	5.2E
Wolf Creek	76	3850	3/14	15A	3.3E	2.8
AS OF APRIL 1, 1975						
<u>KOYUKUK DRAINAGE:</u>						
Anaktuvuk Pass	1	2100	3/26	17	3.4	1.8
Bettles Field	2	640	3/26	24	4.3	4.3
Cold Foot	107	1000	REPORT DELAYED		4.1	7.5
Dietrich Camp	106	1550	REPORT DELAYED		3.2	4.9
Glacier Creek	113	2000	3/27	21A	4.0E	2.7E
Jim River	115	1900	3/28	24A	5.0E	2.4E
Kupuk Creek	112	2300	REPORT DELAYED		3.1E	4.4
Lake Todatonten	77	985	3/26	27	5.6	3.4E
Prospect Creek	108	980	REPORT DELAYED		3.8	5.5
Snowden Mountain	111	1990	REPORT DELAYED		N/S	---
Table Mountain	110	2200	REPORT DELAYED		N/S	---
West Buttons	114	1600	3/27	20A	3.8E	N/S
<u>YUKON DRAINAGE:</u>						
Arctic Village	6	2300	3/28	20	3.2	2.7
Black River	11	650	3/28	26	5.2	2.5
Boundary	15	3300	NO	SURVEY	3.8E	4.2
Chandalar Lake	3	2040	3/27	19	3.2	3.0
Chicken Airstrip	16	1650	NO	SURVEY	2.6	4.0
Circle City	12	600	3/27	32	6.4	2.8
Circle Hot Springs		960	3/28	28	5.9	4.2
Colleen River	8	1100	3/28	20A	3.4E	NEW COURSE
Dempsey Creek	83	950	NO	SURVEY	2.0E	2.9
Eagle Village	14	900	NO	SURVEY	2.7E	4.4
Five Mile	109	400	SURVEY		3.9	4.4
Fort Yukon	10	425	3/28	24	4.9	2.0
					2.5	4.6
					3.7	4
					3.7	9
A - Aerial Marker Reading		E - Estimated	N/S	No Survey		

+ 1958-1972 period.

## SNOW

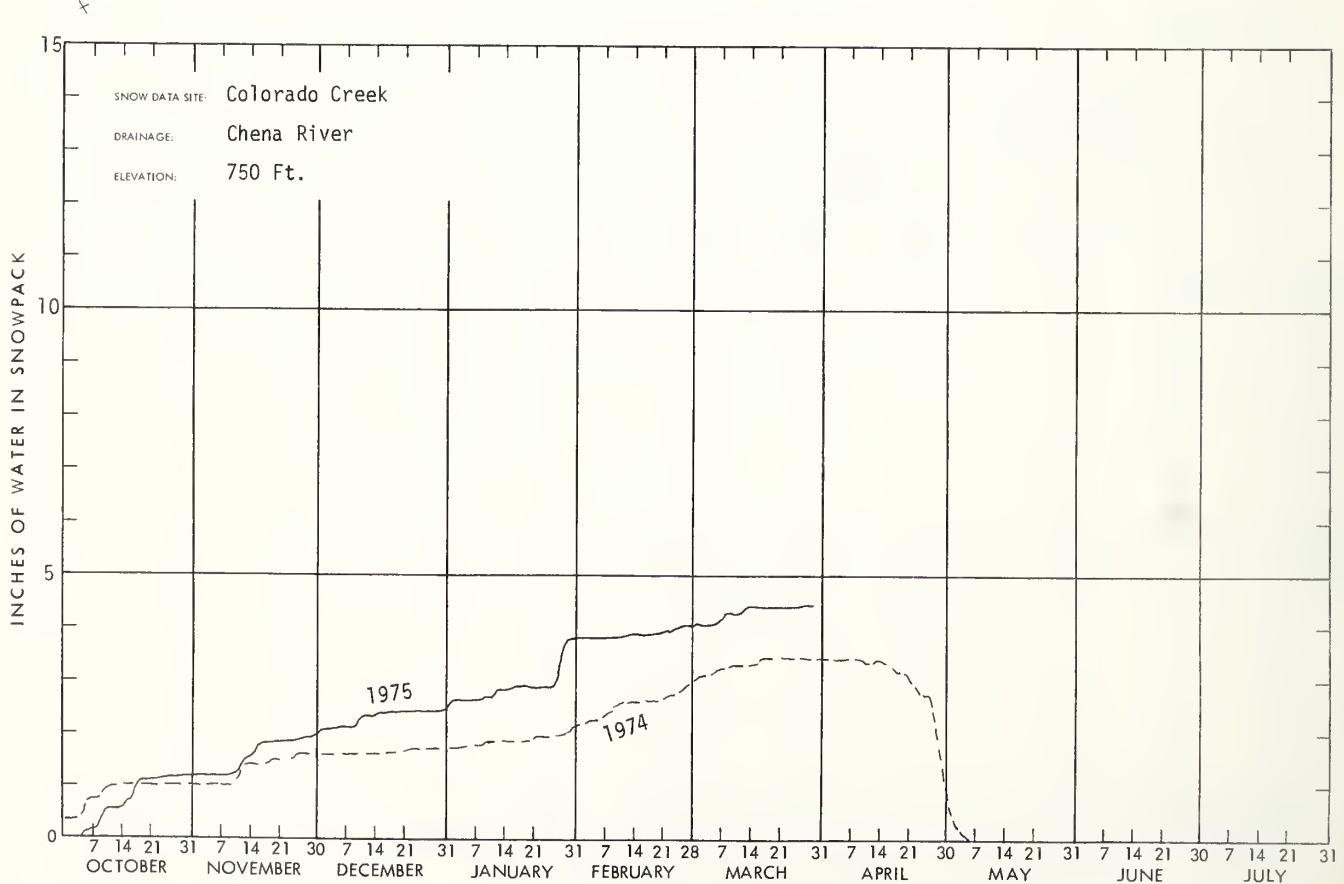
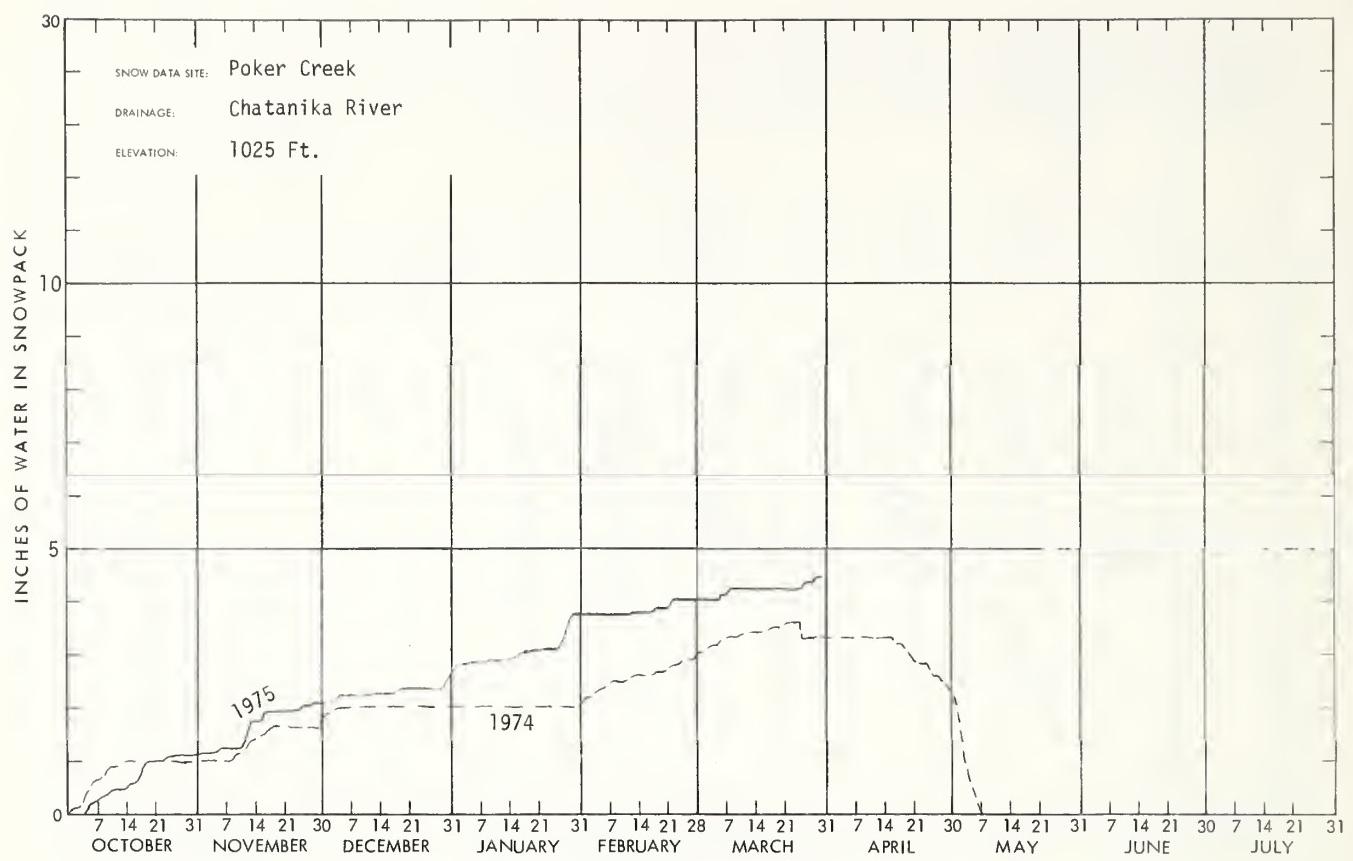
DRAINAGE BASIN and/or SNOW COURSE			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	THIS YEAR		PAST RECORD	
NAME	Number	Elevation				Last Year	Average +		
<u>YUKON DRAINAGE continued:</u>									
Koness Lake	7	1790	3/28	15	2.5	1.9	3.1	8	
Log Cabin	69	2880	3/28	46	13.9	10.0	12.9	15	
Mt. Fairplay	94	3100	NO	SURVEY		3.2E	4.0	5	
Nation River	95	3050	NO	SURVEY		5.3E	6.7	5	
Squaw Lake	5	2150	3/28	21A	3.6E	3.0E	4.0	7	
Thirty Mile	116	1300	3/26	36A	8.0E	N/S	---	2	
Venetie	5	610	3/27	18	2.9	2.6	3.0	9	
Vundik Lake	9	950	3/28	15A	2.6E	2.4E	2.8	8	
<u>KUSKOKWIM DRAINAGE:</u>									
Farewell Lake	43	1090	3/25	26	5.2	2.1	3.4	8	
Lake Minchumina	42	730	3/25	26	5.5	3.4	4.5	8	
<u>TANANA-CHENA:</u>									
Big Delta	29	975	3/31	18	3.4	2.9	2.8	15	
Bonanza Creek	82	1150	3/28	27	5.3	3.7	4.9	7	
Caribou Creek	103	1440	3/30	24	4.5	3.7	5.4	5	
Caribou Mine	28	1115	3/28	26	5.3	4.6	6.3	9	
Cleary Summit	18	2230	3/28	31	7.2	6.2	6.9	15	
Colorado Creek	27	750	3/28	27	5.9	3.4	4.9	9	
Donnelly Dome	80	2200	4/01	26	5.2	4.7	6.2	8	
Fielding Lake	33	3000	NO	SURVEY		9.7	11.6	14	
Fort Greely	78	1420	3/31	19	4.0	3.4	3.8	8	
French Creek	24	2010	3/31	31	6.7	5.2	7.1	13	
Granite Creek	81	1235	4/02	18	3.5	3.0	3.4	7	
Haystack Mountain	102	1950	3/30	32	5.7	5.4	7.8	4	
Little Chena	19	2200	3/28	26	5.4	5.1	5.8	13	
Little Salcha	25	1500	3/31	29	6.0	4.3	6.1	13	
Meadows Road	79	1570	4/01	18	3.2	3.6	2.7	7	
Mentasta Pass	31	2430	4/01	25	5.5	6.4	6.2	13	
Monument Creek	127	1900	NO	SURVEY		3.6	---	2	
Mt. Ryan	20	2950	3/28	31	7.1	6.0	7.8	13	
Munson Ridge	23	3100	3/28	52	15.4	11.1	14.1	13	
Poker Creek	104	1025	3/30	23	4.6	3.2	5.3	5	
Teuchet Creek	126	1640	3/28	29	6.4	3.0	---	2	
Tok Junction	30	1650	4/01	18	3.6	2.7	3.4	15	
Upper Chena	75	3000	NO	SURVEY		6.0	9.2	8	
Wien Lake	74	1020	3/25	27	5.4	3.4	4.3	7	
Wolf Creek	76	3850	NO	SURVEY		N/S	5.2	4	
Yak Pasture	17	540	3/28	26	5.1	3.4	4.3	14	
<u>COPPER RIVER:</u>									
Haggard Creek	34	2540	4/01	31	6.3	7.2	5.5	11	
Little Nelchina	40	4160	4/03	28A	6.7E	4.4E	4.7	7	
Mankomen Lake	32	3050	REPORT	DELAYED		7.6	6.8	8	
St. Anne Lake	54	1985	4/03	30	7.2	2.9	4.7	11	
Sanford River	37	2280	4/03	28A	6.2E	6.3	4.9	8	
Tsaina River	119	1550	3/27	64	19.5	9.6	10.2	3	
Worthington Glacier	55	2400	3/27	74	22.4	11.0	18.8	17	
<u>MATANUSKA-SUSITNA:</u>									
Alexander Lake	49	200	4/02	45	12.1	8.9E	10.3	11	
Bald Mountain Lake	47	2150	4/02	38A	8.4E	7.0E	7.5	11	
Chelatna Lake	44	1650	4/02	45A	12.0E	7.9E	10.0	9	
Clearwater Lake	36	3100	4/02	33	6.9	5.5	5.2	10	
Fog Lakes #2	96	2250	4/02	30	6.6	4.8	6.3	5	
Independence Mine	51	3300	3/28	57	19.0	17.6	19.9	8	
Lake Louise	41	2400	4/03	27	4.9	4.7	4.0	11	
Monahan Flat	35	2710	4/02	40	10.0	4.2E	6.1	11	
Oshtena Lake	39	2950	4/03	25	5.1	3.8	3.7	11	
Peters Hills	45	2010	4/02	60A	16.8E	10.0E	16.4	6	

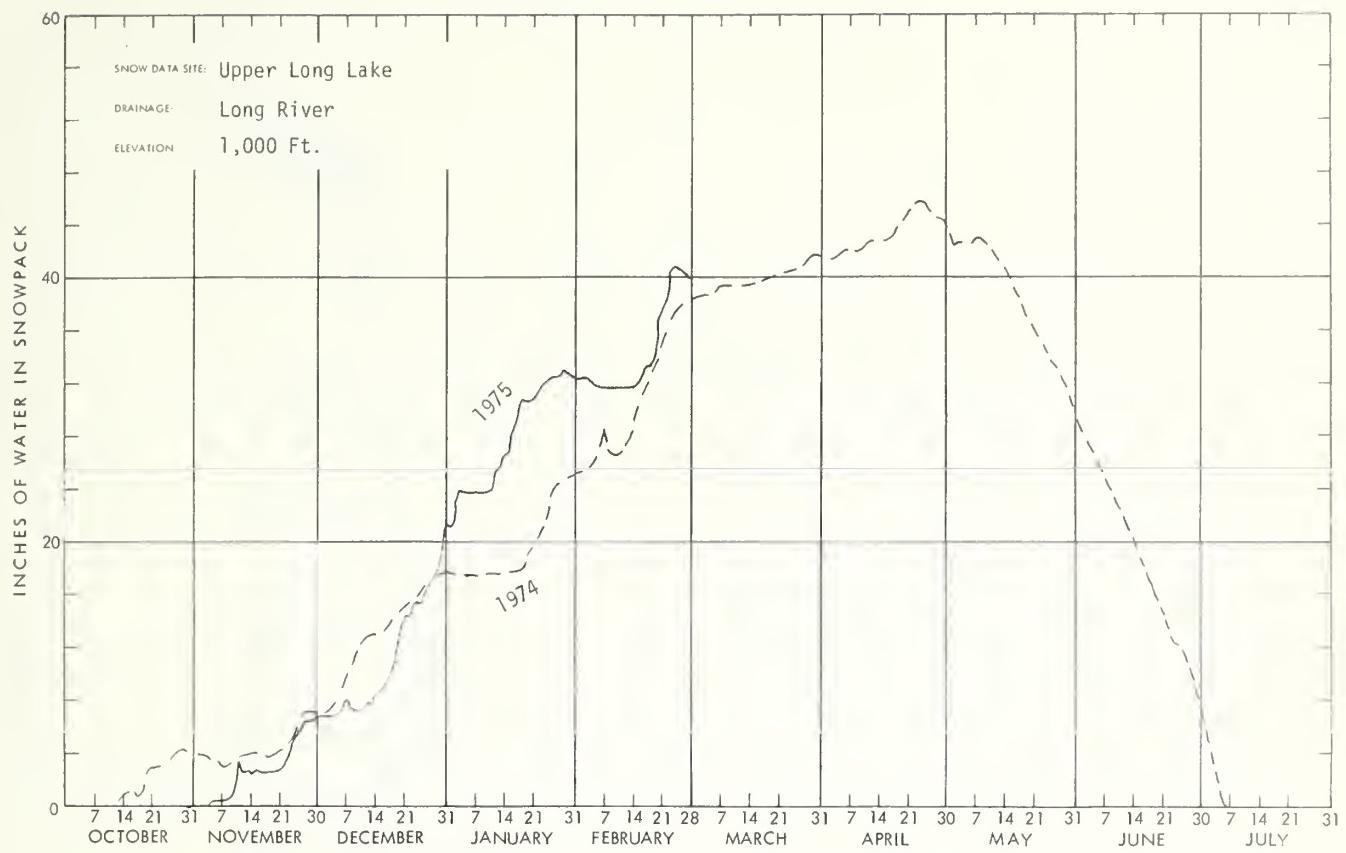
A - Aerial Marker Reading

E - Estimated

N/S - No Survey

+ 1958-1972 period.





STATION CHANGES:

Temporarily Suspended:

Goat Snow Course No 48MM7A  
 Moraine Snow Course No 48MM1  
 Ptarmigan Snow Course No 48MM2

Newly Established:

Circle Hot Springs Snow Course No. 44QQ5 Elevation 956 ft.  
 Latitude 65°25'N. Longitude 144°37'W.









MAP NO.	COURSE NAME	LAT.	LONG.	MEAS. DATES *	MEAS. BY *
1	Anaktuvuk Pass	63°52'N	145°50'W	1,2,3,4,5,7	a
2	Bettles Field	63°47'N	145°43'W	1,2,3,4,5,7	a
3	Chandalar Lake	63°57'N	145°24'W	1,2,3,4,5,7	a
4	Squaw Lake	64°45'N	148°20'W	2,3,4,5	b
5	Venetie	66°06'N	141°48'W	3,4	a
6	Arctic Village	58°16'N	134°27'W	3,4,5	b
7	Koness Lake	60°23'N	148°54'W	1,2,4,5,6,7	g
8	Coleen River	60°25'N	148°55'W	2,3,4,5,6,7	g
9	Vundik Lake	60°25'N	148°55'W	1,2,4,6,7	g
10	Fort Yukon	63°15'N	145°29'W	2,3,4,5,6,7	g
11	Black River	63°17'N	145°26'W	2,3,4,5,6,7	g
12	Circle City	63°19'N	145°29'W	5,6,7	g
14	Eagle Village	57°04'N	135°10'W	3,4,5	b
15	Boundary	63°42'N	142°17'W	3,4,5	a
16	Chicken Airstrip	65°25'N	141°40'W	3,4	a
17	Yak Pasture	62°47'N	148°29'W	2,3,4,5	a,c
18	Cleary Summit	60°45'N	149°51'W	2,3,4,5	a
19	Little Chena	60°40'N	149°28'W	2,3,4,5	a
20	Mt. Ryan	60°31'N	149°30'W	2,3,4,5	a
21	Chena Hot Springs	60°31'N	150°11'W	2,3,4,5	a
22	Big Windy	65°08'N	147°38'W	2,3,4,5	d
23	Munson Ridge	65°09'N	147°35'W	2,3,4,5	d
24	French Creek	65°08'N	147°32'W	2,3,4,5,7	d
25	Little Salcha	68°39'N	147°30'W	3,4,5	f
27	Colorado Creek	67°42'N	149°45'W	2,3,4,5	f
28	Caribou Mine	67°16'N	150°10'W	1,2,3,4	f
29	Big Delta	66°47'N	150°45'W	2,3,4,5	f
30	Tok Junction	65°55'N	149°48'W	2,3,4,5	f
31	Mentasta Pass	67°58'N	149°45'W	2,3,4,5	f
32	Mankomen Lake	67°50'N	149°41'W	2,3,4,5	f
33	Fielding Lake	67°48'N	150°08'W	2,3,4,5	f
34	Haggard Creek	67°28'N	149°31'W	2,3,4,5	f
35	Monahan Flat	67°17'N	149°34'W	2,3,4,5	f
36	Clearwater Lake	66°51'N	149°50'W	2,3,4,5	f
37	Sanford River	66°13'N	150°15'W	2,3,4,5	f
38	Fog Lakes	61°08'N	146°20'W	2,3,4,5	a
39	Oshetna Lake	61°06'N	145°50'W	3,4,5	a
40	Little Nelchina	61°12'N	145°30'W	3,4,5	a
41	Lake Louise	61°47'N	147°30'W	3,4,5	a
42	Lake Minchumina	59°42'N	151°28'W	3,4,5	a
43	Farewell Lake	59°40'N	151°32'W	3,4,5	a
44	Chelatna Lake	55°29'N	131°37'W	3,4,5	b
45	Peters Hills	55°30'N	131°37'W	3,4,5	b
46	Talkeetna	55°29'N	131°36'W	3,4,5	b
47	Bald Mt. Lake	64°57'N	145°31'W	2,3,4,5	a
48	Skwentna	65°03'N	145°55'W	2,3,4,5	a
49	Alexander Lake	60°57'N	149°05'W	2,3,4,5	b,a
50	Willow Airstrip	61°08'N	149°42'W	2,3,4,5	a
51	Independence Mine				
52	McArthur				
53	Sheep Mountain				
54	St. Anne's Lake				
55	Worthington Glacier				
56	Moraine				
57	Ptarmigan				
59	Goat	D			
60	Grizzly				
61	Arctic Valley #1	refer to January 1,			
62	Arctic Valley #2	ril 1, May 1, June 1,			
63	Arctic Valley #3	28.			
64	Arctic Valley #4				
65	Arctic Ski Bowl	that secures the snow			
66	Bird Creek				
67	Ship Creek	vice			
68	Indian Pass				
69	Log Cabin (B.C.)	igineers			
70	Upper Long Lake	is Research & Eng. Lab			
71	Long Lake	tration			
72	Speel River	ement			
73	Crater Lake	zy			
74	Wien Lake				
75	Upper Chena	row course no. refer to:			
76	Wolf Creek	il stadia marker			
77	Lake Todatonten	only			
78	Ft. Greely	?			
		? Gage			

# AGENCIES AND ORGANIZATIONS COOPERATING IN ALASKA SNOW SURVEYS

## FEDERAL

Atomic Energy Commission

Department of Agriculture

Forest Service

Institute of Northern Forestry

North Tongass National Forest

South Tongass National Forest

Chugach National Forest

Department of Commerce

National Oceanic and Atmospheric Administration

NOAA National Weather Service

Department of Defense

U.S. Army Corps of Engineers

U.S. Army Cold Regions Research and Engineering Laboratory

Department of Interior

Bureau of Land Management

Geological Survey

Alaska Power Administration

## STATE

Alaska Department of Highways

Alaska Soil Conservation District

Fairbanks Soil Conservation Sub-district

Homer Soil Conservation Sub-district

Kenai-Kasilof Soil Conservation Sub-district

Kenny Lake Soil Conservation Sub-district

Kodiak Soil Conservation Sub-district

Montana Soil Conservation Sub-district

Ninilchik Soil Conservation Sub-district

Palmer Soil Conservation Sub-district

Salcha-Big Delta Soil Conservation Sub-district

Wasilla Soil Conservation Sub-district

University of Alaska

## BOROUGH

Greater Anchorage Area Borough

## MUNICIPALITIES

City of Anchorage

## PRIVATE

Mt. Alyeska Resort, Inc.

# INDEX OF ALASKA SNOW COURSES

MAP NO.	COURSE NAME	COURSE NO. *	ELEV.	LAT.	LONG.	MEAS. DATES *	MEAS. BY *	MAP NO.	COURSE NAME	COURSE NO. *	ELEV.	LAT.	LONG.	MEAS. DATES *	MEAS. BY *
1	Anaktuvuk Pass	51TT1A	2100	68°09'N	151°41'W	3,4	a	79	Meadows Road	45002	1570	63°52'N	145°50'W	1,2,3,4,5,7	a
2	Bettles Field	51RR1A	640	66°35'N	151°32'W	3,4	a	80	Oonnelly Oome	45003	2200	63°47'N	145°43'W	1,2,3,4,5,7	a
3	Chandalar Lake	485S1A	2040	67°30'N	148°30'W	3,4	a	81	Granite Creek	45004	1240	63°57'N	145°24'W	1,2,3,4,5,7	a
4	Squaw Lake	48552a	2150	67°33'N	148°15'W	3,4	a	82	Bonanza Creek	48PP1	1150	64°45'N	148°20'W	2,3,4,5	b
5	Venetie	46551A	610	67°03'N	146°25'W	3,4,7	a	83	Oempsey Creek	41RR2A	950	66°06'N	141°48'W	3,4	a
6	Arctic Village	45TT1A	2300	68°05'N	145°35'W	3,4	a	84	Douglas Ski Bowl	34JJ1	1640	58°16'N	134°27'W	3,4,5	b
7	Koness Lake	44SS1A	1790	67°55'N	144°08'W	3,4	a	86	Wolverine Glacier (A)	48LL1	2130	60°23'N	148°54'W	1,2,4,5,6,7	9
8	Coleen River	425S1A	1100	67°44'N	142°28'W	3,4,7	a	87	Wolverine Glacier (B)	48LL2	3610	60°25'N	148°55'W	2,3,4,5,6,7	9
9	Vundik Lake	43551a	950	67°23'N	143°45'W	3,4	a	88	Wolverine Glacier (C)	48LL3	4430	60°25'N	148°55'W	1,2,4,6,7	9
10	Fort Yukon	45RR1AM	430	66°35'N	145°15'W	3,4,7	a	89	Gulkana Glacier (A)	45006	4590	63°15'N	145°29'W	2,3,4,5,6,7	9
11	Black River	42RR1A	650	66°36'N	142°45'W	3,4,7	a	90	Gulkana Glacier (B)	45007	5480	63°17'N	145°26'W	2,3,4,5,6,7	9
12	Circle City	44QQ3A	600	65°50'N	144°05'W	3,4,7	a	91	Gulkana Glacier (C)	45008	6360	63°19'N	145°29'W	5,6,7	9
14	Eagle Village	41PP1A	900	64°08'N	141°08'W	3,4,7	a	93	Blue Lake	35II2	950	57°04'N	135°10'W	3,4,5	b
15	Boundary	41PP3A	3300	64°05'N	141°27'W	3,4	a	94	Mt. Fairplay	42001a	3100	63°42'N	142°17'W	3,4,5	a
16	Chicken Airstrip	41PP2A	1650	64°05'N	141°45'W	3,4,7	a	95	Nation River	41QQ1a	3050	65°25'N	141°40'W	3,4	a
17	Yak Pasture	47PP1	540	64°52'N	147°55'W	2,3,4,5	a	96	Fog Lakes #2	48NN2A	2250	62°47'N	148°29'W	2,3,4,5	a,c
18	Cleary Summit	47QQ1A	2230	65°03'N	147°24'W	1,2,3,4,5,7	a	98	Bertha Creek	49LL2	850	60°45'N	149°51'W	2,3,4,5	a
19	Little Chena	46QQ2AP	2200	65°08'N	146°32'W	2,3,4,5,7	a	99	Kenai Summit	49LL3	1390	60°40'N	149°28'W	2,3,4,5	a
20	Mt. Ryan	46QQ1AP	2950	65°16'N	146°07'W	2,3,4,5,7	a	100	Moose Pass	49LL4	700	60°31'N	149°30'W	2,3,4,5	a
21	Chena Hot Springs	45QQ1	1250	65°03'N	145°03'W	2,3,4,5,7	a	101	Jean Lake	50LL1	620	60°31'N	150°11'W	2,3,4,5	a
22	Big Windy	44QQ2AP	3850	65°07'N	144°52'W	2,3,4,5,7	a	102	Haystack Mtn.	47QQ2	1950	65°08'N	147°38'W	2,3,4,5	d
23	Munson Ridge	46PP1AP	3100	64°52'N	146°13'W	2,3,4,5,7	a	103	Caribou Creek	47QQ3	1440	65°09'N	147°35'W	2,3,4,5	d
24	French Creek	46PP2MA	2010	64°43'N	146°40'W	2,3,4,5,7	a	104	Poker Creek	47QQ4S	1025	65°08'N	147°32'W	2,3,4,5,7	d
25	Little Salcha	46PP3	1500	64°38'N	146°44'W	2,3,4,5,7	a	105	Elusive Lake	47TT1A	1800	68°39'N	147°30'W	3,4,5	f
27	Colorado Creek	46PP45	750	64°52'N	146°39'W	1,2,3,4,5,7	a	106	Oietrich Camp	49SS1A	1550	67°42'N	149°45'W	2,3,4,5	f
28	Caribou Mine	45PP2A	1115	64°40'N	145°40'W	2,3,4,5,7	a	107	Cold Foot Camp	50551	1000	67°16'N	150°10'W	1,2,3,4	f
29	Big Delta	45PP1	980	64°14'N	145°58'W	2,3,4,5	a	108	Prospect Creek	50RR1	980	66°47'N	150°45'W	2,3,4,5	f
30	Tok Junction	43001	1650	63°18'N	143°00'W	2,3,4,5	a	109	Five Mile Camp	49RR1	400	65°55'N	149°48'W	2,3,4,5	f
31	Mentasta Pass	43NN1	2430	62°51'N	143°30'W	2,3,4,5	a	110	Table Mountain	49SS3a	2200	67°58'N	149°45'W	2,3,4,5	f
32	Mankomen Lake	44NN1	3050	63°00'N	144°32'W	2,3,4,5	a	111	Snowden Mtn.	49SS4a	1900	67°50'N	149°41'W	2,3,4,5	f
33	Fielding Lake	45001A	3000	63°18'N	145°33'W	2,3,4,5	a	112	Kupuk Creek	50552a	2300	67°48'N	150°08'W	2,3,4,5	f
34	Haggard Creek	45NN1A	2540	62°42'N	145°28'W	2,3,4,5	a	113	Glacier Creek	49SS2a	2000	67°28'N	149°31'W	2,3,4,5	f
35	Monahan Flat	47001A	2710	63°18'N	147°39'W	2,3,4,5	a,c	114	West Buttons	49SS5a	1600	67°17'N	149°34'W	2,3,4,5	f
36	Clearwater Lake	46NN1A	3100	62°59'N	146°58'W	2,3,4,5	a,c	115	Jim River	49RR1a	1900	66°51'N	149°50'W	2,3,4,5	f
37	Sanford River	45NN2A	2280	62°13'N	145°04'W	2,3,4,5	a,c	116	Thirty Mile	50RR2a	1300	66°13'N	150°15'W	2,3,4,5	f
38	Fog Lakes	48NN1A	2270	62°47'N	148°30'W	2,3,4,5	a,c	117	Valdez	46MM2	50	61°08'N	146°20'W	2,3,4,5	a
39	Oshtena Lake	47NN1A	2950	62°23'N	147°29'W	2,3,4,5	a,c	118	Lowe River	45MM3	550	61°06'N	145°50'W	3,4,5	a
40	Little Nenchina	47NN2a	4160	62°07'N	147°36'W	2,3,4,5	a,c	119	Tsaina River	45MM4	1500	61°12'N	145°30'W	3,4,5	a
41	Lake Louise	46NN2A	2400	62°17'N	146°30'W	2,3,4,5	a,c	120	Sheep Mtn. #2	47MM2	2900	61°47'N	147°30'W	3,4,5	a
42	Lake Minchumina	52001A	730	63°53'N	152°18'W	3,4	a	121	Ridge Creek (UP)	51KK1	1300	59°42'N	151°28'W	3,4,5	a
43	Farewell Lake	53NN1A	1090	62°34'N	153°35'W	3,4	a	122	Ridge Creek (LO)	51KK2	1100	59°40'N	151°32'W	3,4,5	a
44	Chelatna Lake	51NN1a	1650	62°31'N	151°29'W	2,3,4,5	a,c	123	Harriet Top	31GG1	2000	55°29'N	131°37'W	3,4,5	b
45	Peters Hills	50NN1a	2010	62°31'N	150°57'W	2,3,4,5	a,c	124	Hunt Saddle	31GG2	1500	55°30'N	131°37'W	3,4,5	b
46	Talkeetna	50NN2	350	62°18'N	150°05'W	2,3,4,5	a,c	125	Lake Shore	31GG3	660	55°29'N	131°36'W	3,4,5	b
47	Bald Mt. Lake	49NN1A	2150	62°15'N	149°45'W	2,3,4,5	a,c	126	Teuchet Creek	45PP3	1640	64°57'N	145°31'W	2,3,4,5	a
48	Skwentna	51MM1A	160	61°58'N	151°12'W	2,3,4,5	a,c	127	Monument Creek	45QQ2	1900	65°03'N	145°55'W	2,3,4,5	a
49	Alexander Lake	50MM1A	200	61°45'N	150°54'W	2,3,4,5	a,c	128	Mt. Alyeska	49LL155	1200	60°57'N	149°05'W	2,3,4,5	b,a
50	Willow Airstrip	50MM2	150	61°45'N	150°03'W	2,3,4,5	a,c	129	South Campbell Creek	49MM11	1200	61°08'N	149°42'W	2,3,4,5	a
51	Independence Mine	49MM10	3300	61°45'N	149°25'W	3,4,5	a								
52	McArthur	52LL1A	120	61°00'N	152°00'W	2,3,4,5	a,c								
53	Sheep Mountain	47MM1	2700	61°47'N	147°29'W	3,4,5	a								
54</td															





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